



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4711-043
Job Sheet 189574



Part No: D4711-043

Job Qty: 10 pcs

Part Name: Expandable Pin Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/28/19

Job Tracking No:

Due Date: 2/6/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV D IPP REV:B 12.10.16 AS PER DWG REV.A DD VERF:JFS IPP REV:C 16.01.05 AS PER DWG REV.D DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	10 pcs		2/6/19	0.00	0.00	Purchasing - 1	FEB 04 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	10 pcs		2/6/19	0.00	0.00	Packaging 2 - 1 - B4B	FEB 04 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



Dart Aerospace Ltd.
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CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S150511



Part: D4711-043

Job No: 189574

Serial No/Batch: S150511

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 02/04/19

Plex 1/28/19 2:14 PM dart.lavoie.chanta

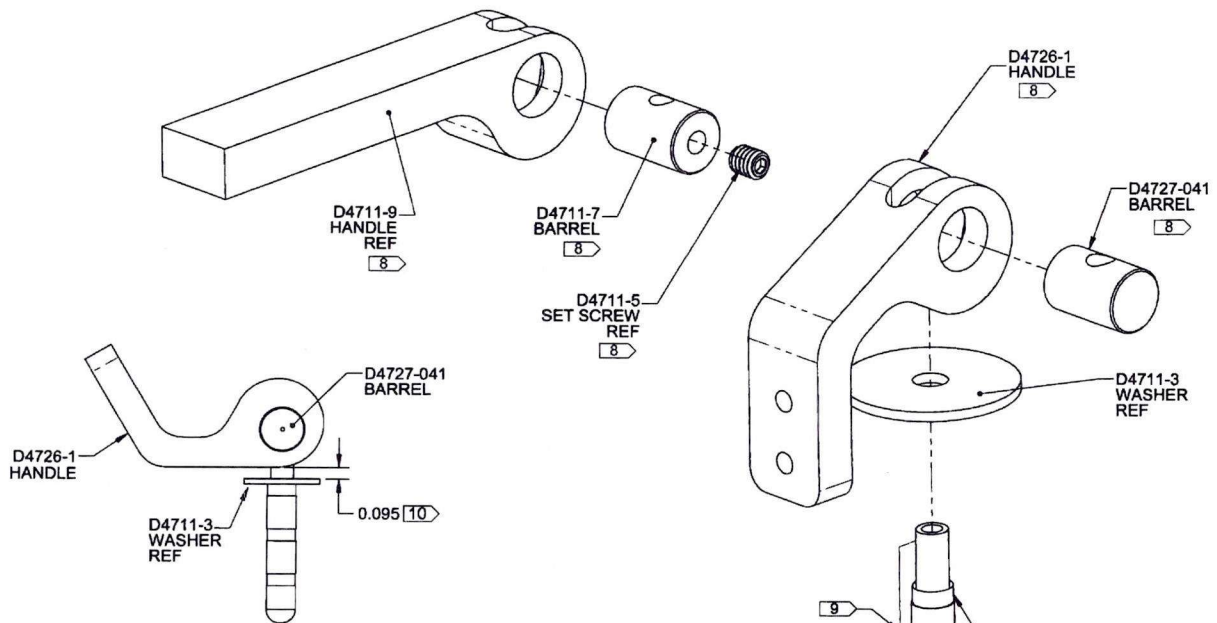
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	10 pcs	2/6/19	0.00 0.00		QC 6 - 38	
					QC 6 - 42	
					QC 6 - 9	
					QC 6 - 68	FEB 05 2019 DAS 68 9-89
					QC 6 - 61	
130 Packaging 3-1 - Stock - B4B	10 pcs	2/6/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	FEB 06 2019 DAS 6 9-89
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - SA	10 pcs	2/6/19	0.00 0.00		QC 21 - SA - 21	DAS 21 FEB 06 2019
					QC 21 - SA - 70	

Part Op 100 - (Purchasing) Issue P/O: _____ Possible supplier: Mc Master Carr Supplier P/N: 97787A661
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs)
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release) Possible supplier: QRP INC Supplier P/N: 09094-QADPC416

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
09094-QADPC416	Expandable Pin Assembly D4711-043	10 pcs (1 ea)	100-Purchasing	5150508
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	09094-QADPC416	10	0	0
Part Specifications				
Specifications could not be found.				

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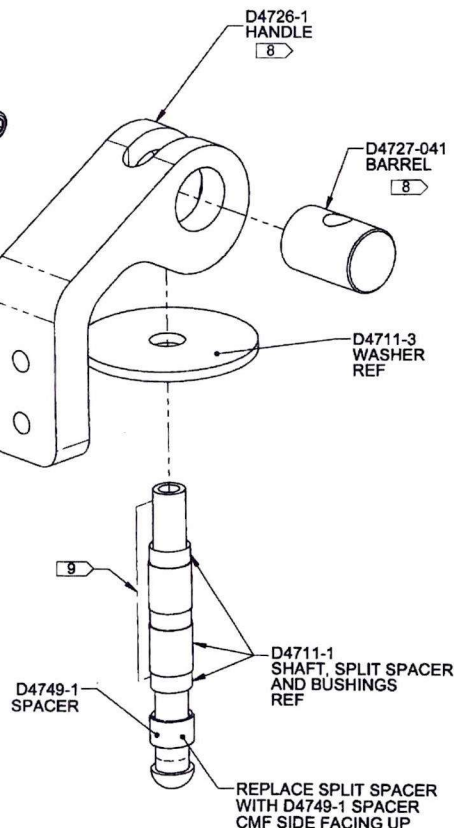
ITEM	QTY -041	P/N	DESCRIPTION
	X	D4711-041	EXPANDABLE PIN ASSY, MODIFIED
1	1	D4711-043	EXPANDABLE PIN ASSY
2	1	D4726-1	HANDLE
3	1	D4727-041	BARREL
4	1	D4749-1	SPACER



**D4711-041
EXPANDABLE PIN ASSEMBLY, MODIFIED**
(OPEN POSITION)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.7
- 7) WEIGHT: 0.22 lbs
- 8) REPLACE D4711-9 HANDLE WITH DART D4726-1 HANDLE.
REPLACE D4711-7 BARREL WITH DART D4727-041 BARREL.
REPLACE BOTTOM SPLIT SPACER WITH D4749-1 SPACER.
DISCARD D4711-5 SET SCREW, D4711-7 BARREL, D4711-9 HANDLE, BOTTOM SPLIT SPACER.
- 9) WHEN INSTALLING D4749-1 SPACER, ENSURE THAT ALL RETAINED SPLIT SPACERS AND BUSHINGS REMAIN IN THEIR ORIGINAL SEQUENCE AND ORIENTATION.
- 10) INSTALL THE D4711-1 SHAFT WITH THE ASSEMBLY IN THE OPEN POSITION, UNTIL A GAP OF 0.095" EXISTS BETWEEN THE D4711-3 WASHER AND THE D4726-1 HANDLE. DO NOT OVERTIGHTEN THE SHAFT INTO THE D4727-041 BARREL.



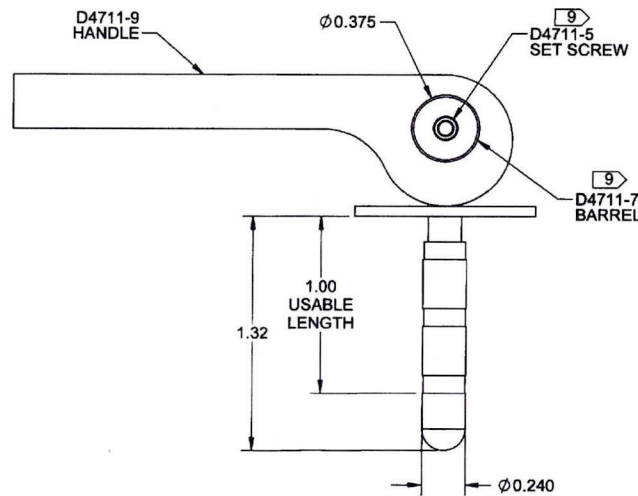
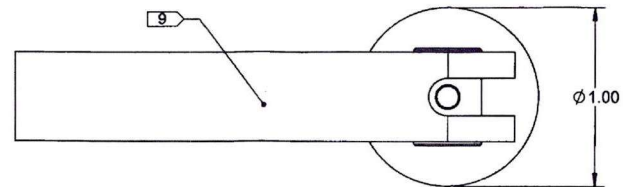
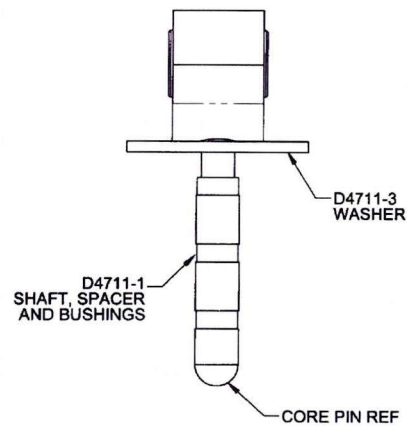
**D4711-041
EXPANDABLE PIN ASSEMBLY, MODIFIED**
(CLOSED POSITION)

D	GENERAL UPDATE MCMASTER CARR PART NO LONGER AVAILABLE SEE PREVIOUS REVISION AND PAR15-439 FOR DETAILS. SPLIT RINGS, CORE PIN & BARREL NOW 17-4PH H900 CONDITION.	AJS	15.07.22
C	REVISED NOTE (A4-1) & NOTE 8. ADDED NOTE 10. PICTORIAL UPDATE. ADDED VIEW B8-1.	AP	13.02.12
B	ADDED D4749-1 SPACER, MODIFIED NOTES 8 AND 9	AP	12.11.23
A	NEW ISSUE	RP	12.09.19
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	AJS		
CHECKED	CP	DRAWING NO.	REV. D
MFG. APPR.	JLM	D4711	SHEET 1 OF 2
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	ADJUSTABLE DIAMETER PIN	NTS
DATE	15.07.22	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

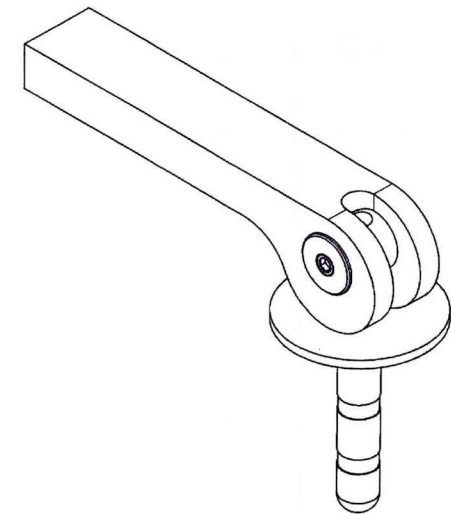
RELEASED
2016-01-05
ECN 15-614

APPROVED

SPECIFICATION CONTROL DRAWING



D4711-043 EXPANDABLE PIN ASSY



NOTES:

- 1) MATERIAL: CORE PIN, SPLIT RINGS AND BARREL: STAINLESS STEEL 17-4 PH CONDITION H900 PER AMS 5643 $\triangle D$
- 2) FINISH: N/A
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.17 lbs
- 8) SUPPLIER: QRP INC, 2307 MERCANTILE DR. N.E., LELAND, NORTH CAROLINA, 28451. P/N: 09094-QADPC416 $\triangle D$
- 9) HANDLE, BARREL AND SET SCREW TO BE DISCARDED AT NEXT HIGHER ASSEMBLY

RELEASED
2016-01-05

APPROVED

DESIGN	RP	DART AEROSPACE USA, INC.	
DRAWN	AJS	KENT, WA	
CHECKED	CP	DRAWING NO.	REV. D
MFG. APPR.	JLM	D4711	SHEET 2 OF 2
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	ADJUSTABLE DIAMETER PIN	NTS
DATE	15.07.22	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



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Hawkesbury, ON
K6A 1K7
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Tel (613) 632-5200

PURCHASE ORDER **PO042420**



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042420

PO Date: 1/28/19

Due Date: 1/31/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	189574	09094-QADPC416	97787A661	Expandable Pin Assembly D4711-043 AS PER DWG D4711 REV. D	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	\$114.68/pcs	\$1,146.80
2		30125T403	1/pk	Turn Buckle Body	Firmed	-	1/31/19	6 pcs	0 pcs	6 pcs	\$1.95/pcs	\$11.70
3		3896T31	50/pk	Ferule 1/16 X 3/8" - Aluminum	Firmed	-	1/31/19	200 Ea	0 Ea	200 Ea	\$0.1312/Ea	\$26.24
4		5544T38	5544T382 6FT	Rod Ø20mm X 23-3/4	Firmed	-	1/31/19	12 ft	0 ft	12 ft	\$7.703333/ft	\$92.44
5	189575	6605K56	5/pk	Hook And Loop Tie D3551-11 AS PER DWFG D3551 REV. A	Firmed	-	1/31/19	15 pcs	0 pcs	15 pcs	\$3.09/pcs	\$46.35
6	189576	7130K41	100/pk	Tie Wrap D3599-1 AS PER DWG D3599 REV. A	Firmed	-	1/31/19	100 pcs	0 pcs	100 pcs	\$0.0583/pcs	\$5.83
7		8695K717	4'/ lenght	Polyurethane Rod 1-1/4 DIA. 80A (Hard) Abrasion - Resistant Polyurethane Rubber Rod 1-1/4" Diameter	Firmed	-	1/31/19	4 ft	0 ft	4 ft	\$22.795/ft	\$91.18
8		4611T26	12/pk	Cup receive ea	Firmed	-	1/31/19	12 Ea	0 Ea	12 Ea	\$1.3158333/Ea	\$15.79
9		6546K56	3 ft long	Rectangular Tube, 1/8" wall, 1-1/4" High x 1-1/4" wide	Firmed	-	1/31/19	12 Ea	0 Ea	12 Ea	\$26.16/Ea	\$313.92
Line Item Note 12 pcs of 3 ft												
10		T-8816968009	13985A26 5/PK	Spring Action Cup	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	\$1.892/pcs	\$18.92



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PURCHASE ORDER **PO042420**



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
11		90319A110	100/pk	Safety Pin	Firmed	-	1/31/19	100 Ea	0 Ea	100 Ea	\$0.0828/Ea	\$8.28
12		90692A699	250/pk	SPRING PIN (Steel) Ø1/8 X 7/8	Firmed	-	1/31/19	250 Ea	0 Ea	250 Ea	\$0.05208/Ea	\$13.02
13		9103A435	1/pk	Low-Strength Steel Flange Nut, Black- Oxide, 7/16"-20 Thread Size	Firmed	-	1/31/19	5 Ea	0 Ea	5 Ea	\$2.70/Ea	\$13.50
14		91280A234	100/pk	Steel Hex Head Screw, M5 X 0.8 mm Thread, 25mm Long	Firmed	-	1/31/19	100 Ea	0 Ea	100 Ea	\$0.1285/Ea	\$12.85
15		91375A689	5/pk	Set Screw 7/16- 20 X 3/4	Firmed	-	1/31/19	20 Ea	0 Ea	20 Ea	\$1.032/Ea	\$20.64
16		91455A150	50/pk	Washer, M12	Firmed	-	1/31/19	50 Ea	0 Ea	50 Ea	\$0.1552/Ea	\$7.76
17		91595A741	5/pk	Pin, Dowel, 12mm X 36mm	Firmed	-	1/31/19	15 Ea	0 Ea	15 Ea	\$1.946/Ea	\$29.19
18		92316A729	5/pk	Pin 1/2-13 Unc X 4 Gr. 8 - Steel	Firmed	-	1/31/19	10 Ea	0 Ea	10 Ea	\$1.388/Ea	\$13.88
19		HT-500-010P-14	41735K11 (2-125 PSI)	Arrow Regulator 2-125 PSI	Firmed	-	1/31/19	6 Ea	0 Ea	6 Ea	\$32.06/Ea	\$192.36
20		95263A576	25/pk	Socket Head Screw M6 X 1mm, 30 mm Long	Firmed	-	1/31/19	75 Ea	0 Ea	75 Ea	\$0.3452/Ea	\$25.89
21		98335A061	100/pk	Hairpin Cotter Pin .08 X 1 9/16" (Carr)	Firmed	-	1/31/19	100 Ea	0 Ea	100 Ea	\$0.1224/Ea	\$12.24
22		98381A713	5/pk	Dowel Pin, 1/2" Dia., 1-1/8" Long	Firmed	-	1/31/19	15 Ea	0 Ea	15 Ea	\$2.70/Ea	\$40.50
23		98750A483	1/pk	Threaded Rod 1/2-20 UNF x 4" receive ea	Firmed	-	1/31/19	6 Ea	0 Ea	6 Ea	\$2.25/Ea	\$13.50
24		99067A254	1 M/ 3 FT	Tumbuckle	Firmed	-	1/31/19	6 ft	0 ft	6 ft	\$5.836666/ft	\$35.02

Line Item Note 2 PCS OF 1 METER



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PURCHASE ORDER **PO042420**



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
25		MBRONZR1.250	8932K47 6-1/2" per pcs	Bronze Round Bar 1.250" : MATERIAL: OIL IMPREGNATED SINTERED BRONZE ROUND BAR AS PER SAE 841 TYPE 1, CLASS A OR AMS 4805 OR ASTM B438 GRADE 1, TYPE 2 OR MIL-B-5687D TYPE 1, GRADE 1 receive ft	Firmed	-	1/31/19	1.652 ft	0 ft	2 ft	\$77.243076/ft	\$127.61
Line Item Note 3 PCS OF 6.5"												
26		MDELIRINB1.250X3.000W	8739K61 4 FT	M Delrin Bar, White receive ft	Firmed	-	1/31/19	16 ft	0 ft	16 ft	\$33.89/ft	\$542.24
27		MDELIRINR3.000W	8572K34	Delrin Rod, White, 3.000 Dia	Firmed	-	1/31/19	3 ft	0 ft	3 ft	\$47.67/ft	\$143.01
Line Item Note 1 PCS 3 FT												
28		RBEL135M-2901-101-39	9003K41 1/PK	Poly-V Groove Belt	Firmed	-	1/31/19	4 Ea	0 Ea	4 Ea	\$10.69/Ea	\$42.76
29		8835T93	10/pk	Elastic Tie Down	Firmed	-	1/31/19	10 Ea	0 Ea	10 Ea	\$1.484/Ea	\$14.84
30		90312A280	90312A277 1/pk	Lanyard, Loop to Loop, Ø3/64 X 12	Firmed	-	1/31/19	6 Ea	0 Ea	6 Ea	\$2.17/Ea	\$13.02
31		90692A082	500/pk	Steel Spring Dowel Pin 1/16" Dia. x 3/8" Long	Firmed	-	1/31/19	500 Ea	0 Ea	500 Ea	\$0.02348/Ea	\$11.74
32		90935A131	100/pk	Phillips Rounded Head Screws for Sheet Metal, #4, 1/4" Long	Firmed	-	1/31/19	100 Ea	0 Ea	100 Ea	\$0.0349/Ea	\$3.49
33		90985A411	1/PK	Ball Lock Pin, Ø1/2 X 1-1/2	Firmed	-	1/31/19	3 Ea	0 Ea	3 Ea	\$34.54/Ea	\$103.62
34		91251A542	50/pk	Socket Head Cap Screw, 1/4"-20 x 1" Long	Firmed	-	1/31/19	50 Ea	0 Ea	50 Ea	\$0.1628/Ea	\$8.14
35		91257A730	5/pk	Latch Pin, 1/2- 13 X 4-1/2	Firmed	-	1/31/19	5 Ea	0 Ea	5 Ea	\$2.294/Ea	\$11.47



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PURCHASE ORDER

PO042420



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
36		93839A825	25/pk	Steel Thin Hex Nut 1/2"-20	Firmed	-	1/31/19	25 Ea	0 Ea	25 Ea	\$0.4612/Ea	\$11.53
37		2416K124	1 sf/pcs	Fatigue-Resistant 301 SS, Spring Temper Sheet, 0.015" Thick x 12" Wide x 1 ft Long	Firmed	-	1/31/19	2 sf	0 sf	2 sf	\$29.06/sf	\$58.12
Line Item Note: 2 pcs of 12" x 12"												
38		HT-500-010P-08	7768K26 1/PK	Check Valve	Firmed	-	1/31/19	2 Ea	0 Ea	2 Ea	\$11.28/Ea	\$22.56
39		92311A639		SS Set Screw D2747 AS PER DWG D2747 REV. B	Firmed	-	1/31/19	100 pcs	0 pcs	100 pcs	\$0.626/pcs	\$62.60
40	189622	59915K274		Rod End Bearing D4777-1 AS PER DWG D4777 REV. A	Firmed	-	1/31/19	5 pcs	0 pcs	5 pcs	\$19.05/pcs	\$95.25
Grand Total:												\$3,479.80

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/29/19 8:45 AM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042420 ✓

Order Placed By
Chantal Lavoie

McMaster-Carr Number
7194351-05

Page 1 of 3

01/29/2019

Line	Product	Ordered	Shipped
1	97787A661 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length	10 Each	10 ✓
2	30125T403 Closed-Body Turnbuckle--Not for Lifting, Hook-to-Hook, 90 lbs. Capacity, 5-1/2" Retracted Length	6 Each	6
3	3896T31 Wire Rope Compression Sleeve for 1/16" Rope Diameter - Not for Lifting, Packs of 50	4 Packs	4
5	6605K56 Hook and Loop Cable Ties, 24" Overall Length, Meets UL 94V2, Packs of 5	3 Packs	3
6	7130K41 Nylon Cable Tie, 6" Long, 1-1/2" Bundle Diameter, 10 lb. Break Strength, White, Packs of 100	1 Pack	1
8	4611T26 Polystyrene Plastic Jar, 5 oz./150 ml Capacity, Packs of 12	1 Pack	1
10	13985A26 Stainless Steel Clip for 5/8"-7/8" Tool Diameter, Packs of 5	2 Packs	2 ✓
11	90319A110 Bent-Wire Locking Pins, 3/64" Diameter, 1-1/4" Usable Length, Packs of 100	1 Pack	1
12	90692A699 Zinc-Plated Steel Slotted Spring Pins, 1/8" Diameter, 7/8" Long, Packs of 250	1 Pack	1
13	91030A435 Low-Strength Steel Flange Nut, Black-Oxide, 7/16"-20 Thread Size	5 Each	5
14	91280A234 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M5 x 0.8 mm Thread, 25 mm Long, Packs of 100	1 Pack	1
15	91375A689 Alloy Steel Cup-Point Set Screw, Black Oxide, 7/16"-20 Thread, 1-3/4" Long, Packs of 5	4 Packs	4
16	91455A150 Class 10.9 Steel Washer, Zinc-Plated, M12 Screw Size, 13 mm ID, 24 mm OD, Packs of 50	1 Pack	1
17	91595A741 Alloy Steel Dowel Pin, 12mm Diameter, 36mm Long, Packs of 5	3 Packs	3
18	92316A729 High-Strength Grade 8 Steel Hex Head Screw, Flanged, 1/2"-13 Thread Size, 4" Long, Packs of 5	2 Packs	2
19	41735K11 Compressed Air Regulator, Relieving with Knob, Zinc Housing, 1/4 NPT, 2-125 PSI	6 Each	6
20	95263A576 Alloy Steel Socket Head Screw, Zinc-Flake Coated, M6 x 1 mm Thread, 30 mm Long, Packs of 25	3 Packs	3
21	98335A061 Zinc-Plated Steel Cotter Pins, Hairpin, for 3/8" to 1/2" Clevis Pin Diameter, 1-5/8" Long, Packs of 100	1 Pack	1
22	98381A713 Dowel Pin, Alloy Steel, 1/2" Diameter, 1-1/8" Long, Packs of 5	3 Packs	3

DAS
68
9-89

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042420
Order Placed By
Chantal Lavoie

McMaster-Carr Number
7194351-05

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01/29/2019

Line	Product	Ordered	Shipped
23	98750A483 Grade B7 Medium-Strength Steel Threaded Rod, 1/2"-20 Thread Size, 4" Long	6 Each	6
25	8932K47 Oil-Filled 841 Bearing Bronze Rod, 1-1/4" Diameter, 6-1/2" Long	3 Each	3
28	9003K41 Ultra-Flexible Banded V-Belt, Trade Number 180J4, 18-5/16" Outer Circumference	4 Each	4
29	8835T93 Elastic Tie Downs, Abrasion-Resistant, 8" Overall Length, 1/4" Diameter, Packs of 10	1 Pack	1
30	90312A277 Galvanized Steel Lanyard - Not for Lifting, Loop-to-Loop, Coated, 3/64" Diameter, 12" Length	6 Each	6
31	90692A082 Zinc-Plated Steel Slotted Spring Pins, 1/16" Diameter, 3/8" Long, Packs of 500	1 Pack	1
32	90935A131 Phillips Rounded Head Screws for Sheet Metal, Black-Oxide Steel, Number 4 Size, 1/4" Long, Packs of 100	1 Pack	1
33	90985A411 Knob-Grip Push-Button Quick-Release Pin, 1/2" Diameter, 1-1/2" Usable Length	3 Each	3
34	91251A542 Black-Oxide Alloy Steel Socket Head Screw, 1/4"-20 Thread Size, 1" Long, Packs of 50	1 Pack	1
35	91257A730 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 1/2"-13 Thread, 4-1/2" Long, Partially Threaded, Packs of 5	1 Pack	1
36	93839A825 Zinc Yellow-Chromate Plated Steel Thin Hex Nut, Grade 8, High-Strength, 1/2"-20 Thread Size, Packs of 25	1 Pack	1
37	2416K124 Fatigue-Resistant 301 Stainless Steel, Spring Temper Sheet, 0.015" Thick, 12" Wide, 1 Foot Long	2 Each	2
38	7768K26 Compact Backflow-Prevention Valve for Water and Inert Gas, 1/4 NPT Male x 1/4 NPT Female	2 Each	2
39	92311A639 18-8 Stainless Steel Cup-Point Set Screw, 3/8"-24 Thread, 1" Long, Packs of 10	10 Packs	10
40	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	5 Each	5

Shipped separately from our Chicago warehouse on 01/29

7	8695K717 Abrasion-Resistant Polyurethane Rubber Rod, 48" Long, 1-1/4" Diameter, 80A Durometer	1 Each	1
9	6546K56 6061 Aluminum Rectangular Tube, 1/8" Wall Thickness, 1-1/4" High x 1-1/4" Wide, 3 Feet Long	12 Each	9

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